

# SAMEER S. KULKARNI

## Software Development Engineer

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### PROFESSIONAL EXPERIENCE

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#### Associate Consultant, KPMG Global Services

Oct 2024 - Present

- Developed and implemented a robust automation framework using Java, incorporating functional tests, UI tests with Selenium, and unit tests to ensure comprehensive test coverage and efficiency by cutting traditional automation build effort by 40%.
- Transformed the framework into a web application using Spring Boot, modularized into Microservices for improved test automation management and execution, resulting in a 20% increase in efficiency.
- Deployed the framework to the Azure cloud for optimal performance and scalability.

#### Analyst, KPMG Global Services

Nov 2022 - Sep 2024

- Developed a Java-based prototype framework integrating JUnit for unit tests, Selenium WebDriver for UI tests, and TestNG for functional tests, creating an all-in-one solution to perform all tests within a single workspace.
- Automated 500+ test cases with Opkey - An Automation Framework, across multiple platforms like Workday and Oracle, covering modules such as ERP, SCM, HCM, and EPM.

### EDUCATION

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#### Bachelor of Engineering

Oct 2018 - Oct 2022

Bapuji Institute of Engineering and Technology, Davangere

- Major in Computer Science and Engineering

### PROJECTS

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#### Buyer-Supplier Mapper Application

Oct 2024 - Feb 2025

- Developed a Spring Boot application with a dynamic PostgreSQL database and a matching algorithm and integrated multiple microservices using RESTful Web Services.
- Integrated a secure login module using JWT for authentication.
- Implemented one-to-one mapping of buyers and suppliers based on unique identifiers.

#### Buyer-Supplier Mapper Framework

Jul 2024 - Oct 2024

- Developed a Java-based framework integrating JUnit for unit tests, Selenium WebDriver for UI tests, and TestNG for functional tests.
- Created an all-in-one solution to execute various tests within a single workspace.

#### Domain based Test Automation

Dec 2022 - Jul 2024

- Automated 500+ test cases with Opkey across platforms like Workday and Oracle, covering modules such as ERP, SCM, HCM, and EPM.
- Developed a scheduled process solution for Oracle, innovating desktop-based automation and saving 70% of time and effort.
- Created 900+ reusable libraries within the tool to enhance efficiency and reusability.

### SKILLS

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- Programming Languages: Java, Python, C/C++, HTML, JS
- Frameworks: Java Spring Boot, React.js
- Database/Cloud: PostgreSQL, Azure Fundamentals
- Certification: ISTQB Certified